

## ABSTRACT

[0023] The invention relates to a microphone system. By this is understood a microphone, be it a cable-bound or a wireless microphone, having a system connected thereto for processing the signals recorded with the microphone. The object of the present invention is to avoid the above-mentioned disadvantages and to simplify the adjustment of an entire acoustic system of a building. A microphone system, preferably a wireless microphone system, which is equipped with a speech recognition system which is able to analyse the speech signals transmitted via the microphone system at least to some extent in accordance with predetermined terms, words or contents, wherein the recognised terms, words or contents are used to perform a control function of the microphone system and/or of the transmission behaviour of the electroacoustic system connected to the microphone system.